

<b>PTO-1390</b> <b>TRANSMITTAL LETTER TO THE UNITED STATES</b> <b>DESIGNATED/ELECTED OFFICE (DO/EO/US)</b> <b>CONCERNING A FILING UNDER 35 U.S.C. 371</b>		ATTORNEY DOCKET NUMBER  7601/88256
		U.S. APPLICATION NO. (if known) US Appln No.: Not Yet Assigned
INTERNATIONAL APPLN. NO.: PCT/EP/2005/002557	INTERNATIONAL FILING DATE International Filing Date: March 10, 2005	PRIORITY DATE CLAIMED March 22, 2004
TITLE OF INVENTION <b>Novel Alcohol Dehydrogenases</b>		
APPLICANT(S) FOR DO/EO/US SCHULZE, Renate; LORENZ, Patrick; ECK, Jürgen; May, Oliver; GRÖGER, Harald; and TRAUTHWEIN, Harald		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<ol style="list-style-type: none"> <li>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li>3. <input type="checkbox"/> This express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. Please do not delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1).</li> <li>4. <input checked="" type="checkbox"/> The US has been elected (Article 31).</li> <li>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)).           <ol style="list-style-type: none"> <li>a. <input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input checked="" type="checkbox"/> has been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ol> </li> <li>6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).           <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto.</li> <li>b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</li> </ol> </li> <li>7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)).           <ol style="list-style-type: none"> <li>a. <input checked="" type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input checked="" type="checkbox"/> have been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li>d. <input type="checkbox"/> have not been made and will not be made.</li> </ol> </li> <li>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</li> <li>9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</li> <li>10. <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</li> </ol>		
<b>Items 11. to 20. below concern document(s) or information included:</b>		
<ol style="list-style-type: none"> <li>11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</li> <li>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</li> <li>13. <input checked="" type="checkbox"/> <b>A preliminary amendment TO BE ENTERED BEFORE CALCULATING FEES DUE.</b></li> <li>14. <input checked="" type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.</li> <li>15. <input type="checkbox"/> A substitute specification.</li> <li>16. <input type="checkbox"/> A power of attorney and/or change of address letter.</li> </ol>		

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17. ☒ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821-1.825.
18. ☒ A second copy of the published international application under 35 U.S.C. 154(d)(4).
19. ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
20. ☒ Other items or information:
- (see cover letter enclosed herewith for list of all documents submitted)

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21. The following fees are submitted:						Applicant use	Office use only
<input checked="" type="checkbox"/> a)	Basic national fee	\$300.00				\$ 300.00	
<input checked="" type="checkbox"/> b)	Examination fee	\$200.00				\$ 200.00	
<input checked="" type="checkbox"/> c)	International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB	\$400.00				\$ 400.00	
<b>TOTAL OF ABOVE CALCULATIONS =</b>						\$ 900.00	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.							
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof			RATE		
- 100	0 / 50 =	0	x		\$250.00	0.00	
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).						0.00	
CLAIMS	NUMBER FILED		NUMBER EXTRA		RATE		
Total claims		- 20 =	0	x	\$50.00	0.00	
Independent Claims		- 3 =	0	x	\$200.00	0.00	
MULTIPLE DEPENDENT CLAIM(S) (if applicable)					\$360.00	\$0.00	
<b>TOTAL OF ABOVE CALCULATIONS =</b>						\$ 900.00	
Applicant(s) assert entitlement to Small Entity Status (37 CFR 1.27), thus reducing the filing fee by half to:						0.00	
<b>SUBTOTAL =</b>						\$ 900.00	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).						0.00	
<b>TOTAL NATIONAL FEE =</b>						\$ 900.00	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property.						0.00	
<b>TOTAL FEES ENCLOSED =</b>						\$ 900.00	

AMOUNT TO BE:	\$	
	Charged	\$

a. ☐ A check in the amount of \$ \_\_\_\_\_ to cover the above fees is enclosed.  
 b. ☒ Please charge my Deposit Account No. 06-1135, regarding our Order No. 7601/88256, in the amount of \$ 900 to cover the above fees. A duplicate copy of this sheet is enclosed.  
 c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 06-1135 regarding Order No. 7601/888256. A duplicate copy of this sheet is enclosed.

**NOTE:** Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO: **CUSTOMER No. 42798**

FITCH, EVEN, TABIN & FLANNERY  
 1801 K Street, NW, Suite 401L  
 Washington, DC 2006-1201  
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*Michael A. Sanzo*  
 \_\_\_\_\_  
 SIGNATURE  
 NAME: Michael A. Sanzo  
 REGISTRATION NUMBER: 36,912  
 Date: September 18, 2006

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IAP9/Rec'd PCT/PTO 18 SEP 2006

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September 18, 2006

Commissioner of Patents  
U.S. Patent and Trademark Office  
Customer Service Window, **MS PCT**  
Randolph Building  
401 Dulany Street  
Alexandria, VA 22314

Re: Entry into National Stage for:  
Intl. Appl. No.: PCT/EP2005/02557  
Intl. Filing Date: March 10, 2005  
For: **Novel Alcohol Dehydrogenases**  
Inventor(s): Schulze, *et al.*  
Atty. Dkt.: 7601/88256

Sir:

The following documents are being forwarded herewith for appropriate action by the U.S. Patent and Trademark Office:

1. Transmittal Letter (PTO-1390; in duplicate)
2. Application Data Sheet;
3. A copy of PCT/EP2005/002557 as filed on March 10, 2005, and naming as inventor(s):  
Renate SCHULZE,  
Patrick LORENZ,  
Jürgen ECK,  
Oliver MAY,  
Harald GRÖGER, and  
Harald TRAUTHWEIN;

the application comprising:

36 pages of Specification (numbered as pages 1-36),  
6 pages of Claims (numbered as pages 37-42),  
a one-page Abstract (numbered as page 43);  
3 sheets of Drawings (numbered as 1/3-3/3); and  
51 pages of sequence listing (separately numbered as pages 1-51);

4. Preliminary Amendment;
5. A 3.5 inch computer diskette containing the sequence listing is ASCII;
6. A copy of the PCT Request for application PCT/EP2005/002557;
7. Copies of Declarations signed by each of the inventors in accordance with PCT rule 4.17(iv);
8. A copy of PCT/IB/371, Notification Relating to Declaration made under PCT Rule 4.17, confirming the receipt of the Declarations of Inventorship within the time limit under PCT rule 26ter;
9. A copy of the PCT application as published, on November 3, 2005;
10. A copy of the amended claims published on January 27, 2006
11. A copy of the International Search Report for application PCT/EP2005/002557;
12. A copy of the Written Opinion of the International Searching Authority;
13. A copy of PCT/IB/308 Notice Informing the Applicant of the Communication of the International Application to the Designated Offices;
14. A copy of PCT/IB/304, Notification Concerning Submission or Transmittal of the Priority Document;
15. A copy of PCT/IB/306 informing the international Bureau of a change in the address of inventor Harald TRAUTHWEIN;
16. General Authorization for Petition for Extension of Time Under 37 C.F.R. § 1.136(a)(3);

17. General Authorization to Charge Deposit Account;
18. Two (2) return postcards.

This application represents U.S. national stage of international application PCT/EP2005/002557, which had an international filing date of March 10, 2005. The international application claims priority to German application 10 2004 014 274.2, filed on March 22, 2004. The present application claims priority to these previously filed counterparts and incorporates them by reference.

**In compliance with 37 CFR §1.821(f), Applicants' undersigned attorney hereby states that the enclosed computer readable form of the sequence listing is the same as the paper copy in the application and that it does not add new matter to the application.**

**The Director is hereby authorized to charge the fees shown on the accompanying Transmittal letter (calculated to be \$900) to our Deposit Account No. 06-1135 under Order No. 7601/88256. The Director is also authorized to charge any fee deficiency with respect to this filing and any other fee required in connection with the present case, or credit any overpayment, to our Deposit Account No. 06-1135 under Order No. 7601/88256.**

**Correspondence in this case should be directed to Michael A. Sanzo at the address associated with Customer No.:**

**42798.**

It is respectfully requested that the enclosed postpaid postcards be stamped with the serial number and the date the enclosed documents are received by the PTO and that they be returned as soon as possible.

Respectfully requested,

FITCH, EVEN, TABIN & FLANNERY



Michael A. Sanzo  
Attorney for Applicants  
Registration No. 36,912

MAS:  
Enclosures